

ABSTRACT OF THE DISCLOSURE

Combustion method and apparatus for NO_x reduction which are capable of achieving NO_x reduction with the value of exhaust NO_x under 10 ppm, as well as CO reduction at the same time. The combustion method for fulfilling NO_x reduction and CO reduction by suppressing temperature of combustion gas derived from a burner comprises a NO_x reduction step for suppressing combustion gas temperature in such a manner that suppression of NO_x generation is preferred to reduction of exhaust CO value, thereby keeping NO_x value not more than a specified value, and a CO reduction step for thereafter reducing exhaust CO value resulting from the NO_x reduction step to not more than a specified value.